

PATENT APPLICATION FEE DETERMINATION RECORD
Effective October 1, 2003

Application or Docket Number

10/1652077

CLAIMS AS FILED - PART I

(Column 1) (Column 2)

| | | |
|----------------------------------|--------------|--------------------------|
| TOTAL CLAIMS | | |
| FOR | NUMBER FILED | NUMBER EXTRA |
| TOTAL CHARGEABLE CLAIMS | minus 20 = | * |
| INDEPENDENT CLAIMS | minus 3 = | * |
| MULTIPLE DEPENDENT CLAIM PRESENT | | <input type="checkbox"/> |

* If the difference in column 1 is less than zero, enter "0" in column 2

CLAIMS AS AMENDED - PART II

(Column 1) (Column 2) (Column 3)

| AMENDMENT A | CLAIMS REMAINING AFTER AMENDMENT | | HIGHEST NUMBER PREVIOUSLY PAID FOR | PRESENT EXTRA |
|---|---|-------|---|------------------|
| | Total | * 33 | Minus | ** 33 = 8 |
| Independent | * 5 | Minus | ** 5 | = 5 |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM <input type="checkbox"/> | | | | |

SMALL ENTITY
TYPE

OTHER THAN
SMALL ENTITY
OR

| | | | |
|-----------|--------|--------------|--------|
| RATE | Fee | RATE | Fee |
| BASIC FEE | 385.00 | OR BASIC FEE | 770.00 |
| XS 9= | | OR XS18= | |
| X43= | | OR X86= | |
| +145= | | OR +290= | |
| TOTAL | | OR TOTAL | |

OTHER THAN
SMALL ENTITY
OR

| | | | |
|----------------------------|-------------------|-------------------------------|-------------------|
| RATE | ADDITIONAL FEE | RATE | ADDITIONAL FEE |
| X\$ 9= | | OR X\$18= | |
| X43= | | OR X86= | |
| +145= | | OR +290= | |
| TOTAL ADDITIONAL FEE | | OR TOTAL ADDITIONAL FEE | |

| AMENDMENT B | CLAIMS REMAINING AFTER AMENDMENT | | HIGHEST NUMBER PREVIOUSLY PAID FOR | PRESENT EXTRA |
|---|---|---------|---|------------------|
| | Total | * Minus | ** = | |
| Independent | * Minus | ** = | | |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM <input type="checkbox"/> | | | | |

SMALL ENTITY
ADDITIONAL
FEE

OTHER THAN
SMALL ENTITY
ADDITIONAL
FEE

| | | | |
|----------------------------|-------------------|-------------------------------|-------------------|
| RATE | ADDITIONAL FEE | RATE | ADDITIONAL FEE |
| X\$ 9= | | OR X\$18= | |
| X43= | | OR X86= | |
| +145= | | OR +290= | |
| TOTAL ADDITIONAL FEE | | OR TOTAL ADDITIONAL FEE | |

| AMENDMENT C | CLAIMS REMAINING AFTER AMENDMENT | | HIGHEST NUMBER PREVIOUSLY PAID FOR | PRESENT EXTRA |
|---|---|---------|---|------------------|
| | Total | * Minus | ** = | |
| Independent | * Minus | ** = | | |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM <input type="checkbox"/> | | | | |

ADDITIONAL
FEE

ADDITIONAL
FEE

| | | | |
|----------------------------|-------------------|-------------------------------|-------------------|
| RATE | ADDITIONAL FEE | RATE | ADDITIONAL FEE |
| X\$ 9= | | OR X\$18= | |
| X43= | | OR X86= | |
| +145= | | OR +290= | |
| TOTAL ADDITIONAL FEE | | OR TOTAL ADDITIONAL FEE | |

* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.

** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20."

*** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3."

The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.

PATENT APPLICATION FEE DETERMINATION RECORD

Effective October 1, 2001

Application or Docket Number

11738.00072
101052079

CLAIMS AS FILED - PART I

(Column 1) (Column 2)

| | | |
|----------------------------------|--------------------------|--------------|
| TOTAL CLAIMS | 13 | |
| FOR | NUMBER FILED | NUMBER EXTRA |
| TOTAL CHARGEABLE CLAIMS | 13 minus 20 = | * |
| INDEPENDENT CLAIMS | 3 minus 3 = | * |
| MULTIPLE DEPENDENT CLAIM PRESENT | <input type="checkbox"/> | |

* If the difference in column 1 is less than zero, enter "0" in column 2.

SMALL ENTITY
TYPE OR OTHER THAN
SMALL ENTITY

| | | | |
|-----------|--------|--------------|--------|
| RATE | FEES | RATE | FEES |
| BASIC FEE | 370.00 | OR BASIC FEE | 740.00 |
| X\$ 9= | | OR X\$18= | |
| X42= | | OR X84= | |
| +140= | | OR +280= | |
| TOTAL | | OR TOTAL | 740 |

CLAIMS AS AMENDED - PART II

(Column 1) (Column 2) (Column 3)

| AMENDMENT A | CLAIMS REMAINING AFTER AMENDMENT | | HIGHEST NUMBER PREVIOUSLY PAID FOR | PRESENT EXTRA |
|--|---|--------------------------|---|------------------|
| | Total | Minus | | |
| | 13 | Minus | 20 | 0 |
| Independent | 3 | Minus | 3 | 0 |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM | | <input type="checkbox"/> | | |

SMALL ENTITY OR OTHER THAN
SMALL ENTITY

| | | | |
|------------------|------------------------|---------------------|------------------------|
| RATE | ADDI- TIONAL FEE | RATE | ADDI- TIONAL FEE |
| X\$ 9= | | OR X\$18= | |
| X42= | | OR X84= | |
| +140= | | OR +280= | |
| TOTAL ADDIT. FEE | | OR TOTAL ADDIT. FEE | |

(Column 1) (Column 2) (Column 3)

| AMENDMENT B | CLAIMS REMAINING AFTER AMENDMENT | | HIGHEST NUMBER PREVIOUSLY PAID FOR | PRESENT EXTRA |
|--|---|--------------------------|---|------------------|
| | Total | Minus | | |
| | 33 | Minus | 20 | 13 |
| Independent | 5 | Minus | 3 | 2 |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM | | <input type="checkbox"/> | | |

| | | | |
|------------------|------------------------|---------------------|------------------------|
| RATE | ADDI- TIONAL FEE | RATE | ADDI- TIONAL FEE |
| X\$ 9= | | OR X\$18= | 234 |
| X42= | | OR X84= | 122 |
| +140= | | OR +280= | |
| TOTAL ADDIT. FEE | | OR TOTAL ADDIT. FEE | |

(Column 1) (Column 2) (Column 3)

| AMENDMENT C | CLAIMS REMAINING AFTER AMENDMENT | | HIGHEST NUMBER PREVIOUSLY PAID FOR | PRESENT EXTRA |
|--|---|--------------------------|---|------------------|
| | Total | Minus | | |
| | 33 | Minus | 33 | 0 |
| Independent | 5 | Minus | 5 | 0 |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM | | <input type="checkbox"/> | | |

| | | | |
|------------------|------------------------|---------------------|------------------------|
| RATE | ADDI- TIONAL FEE | RATE | ADDI- TIONAL FEE |
| X\$ 9= | | OR X\$18= | |
| X42= | | OR X84= | |
| +140= | | OR +280= | |
| TOTAL ADDIT. FEE | | OR TOTAL ADDIT. FEE | |

* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.

** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20."

*** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3."

The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.